

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/002480

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H02K21/48 H02K21/00 H02J3/01 H02J3/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H02K H02J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GEENG-KWEI CHANG; TZUEN-LIH CHERN: "Modified integral variable structure model following control of synchronous generator" PROCEEDINGS OF THE AMERICAN CONTROL CONFERENCE, vol. 2, June 2001 (2001-06), pages 823-828, XP002310207 page 824, column 1; figure 1 page 825, column 2 page 826, column 1	1
X	page 825, column 2; figures 1-3 page 826, column 1 page 823, column 1 ----- -/--	2-24

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

### \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\* & \* document member of the same patent family

Date of the actual completion of the international search

10 December 2004

Date of mailing of the international search report

29/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Kanelis, K

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/002480

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	OONSIVILAI, A.; EL-HAWARY, M.E.: "A self-organizing fuzzy power system stabilizer" IEEE CANADIAN CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING, vol. 1, May 1998 (1998-05), pages 197-200, XP002310208 page 197, column 2; figures 1,2 page 198 page 199, column 1 -----	1-24
Y	SENJYU, T.; GIBO, N.; UEZATO, K.: "Cooperative control of AVR and GOV for improving transient stability of power systems using fuzzy controller" PROCEEDINGS OF THE SECOND INTERNATIONAL FORUM ON APPLICATIONS OF NEURAL NETWORKS TO POWER SYSTEMS, April 1993 (1993-04), pages 35-40, XP002310209 page 37, column 2; figure 2 -----	1-24